



INDUSTRIAL AND COMMERCIAL STEEL GARAGE DOORS

GENERAL DOORS
Corporation

QUALITY DOOR SOLUTIONS SINCE 1947

INDUSTRIAL & COMMERCIAL STEEL GARAGE DOORS

Industrial & Commercial Steel Garage Doors by General Doors Corporation are designed, engineered and manufactured specifically for the rigors of everyday use. All of our doors are built tough with the proven strength of deep ribbed, box girder construction eliminating sag, resisting wind load and reducing impact damage. A strong continuous exterior of galvanized steel provides optimum security, while the double coated, baked enamel finish promises years of low maintenance, good looks and worry-free durability.

The 24 gauge model is our standard weight door and is an excellent value, suitable for almost all installations. It is available in two colors, white or a very distinctive dark bronze.

The 20 gauge door, available in white only, has a 33% thicker steel skin which is stronger and more impact resistant. 20 gauge is recommended for larger doors, or where heavy use is expected.

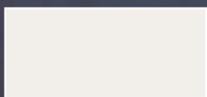
FEATURES

- Full 2" thick ribbed door
- Full 24 gauge heavy duty smooth steel skin
- G-60 hot dipped galvanized steel
- Two coat baked-on polyester paint system
- Welded construction

OPTIONS

- 1-7/16" thick polystyrene insulation with painted steel or vinyl backer
- 20 gauge skin (available in white only)
- Plexiglass or insulated glass lites
- Full view aluminum frame section in mill finish or white, with glass options that include DSB, insulated glass, or tempered glass
- Exterior operated cylinder lock
- Exhaust ports
- Reinforcing for Draw bar operator
- Top seal
- Extra long life torsion springs (25M, 50M, 100M cycle)
- Pass door – 3 sections high (20 gauge doors only)
- Wind load package available

COLOR OPTIONS



WHITE



BRONZE

* Refer to samples at your local General Doors dealer for exact color match.

PANEL & LITE GUIDE

Door Width	Number of Panels/Lites
Up to 9' 2"	2
9' 3" to 12' 2"	3
12' 3" to 16' 2"	4
16' 3" to 20' 2"	5
20' 3" to 24' 2"	6

SECTION GUIDE

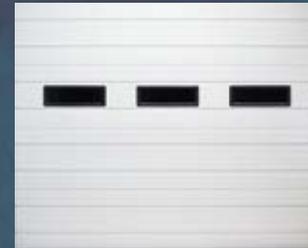
Door Height	Sections
Up to 8'1"	4
8'9" to 10'1"	5
10'6" to 12'1"	6
12'3" to 14'1"	7
14'3" to 16'1"	8



24 GA w/ WHITE FULL VIEW SECTION



24 GA w/ 24 x 7 LITES



24 GA w/ 24" x 8" INSULATED GLASS LITES (only available in insulated doors)

LITE OPTIONS

- 24" x 7" Plexiglass Lites
- 24" x 7" Double Glazed Plexiglass Lites (for insulated doors)
- 24" x 8" Insulated Glass Lites (for insulated doors)
- Full View Aluminum Frame Sections (standard is mill finish, optional painted white)



24 GA BRONZE INDUSTRIAL



32' x 15' w/ CENTER TRACK

SPECIFICATIONS:

GENERAL:

Doors shall be 24 or 20 gauge (specify) steel sectional overhead type as manufactured by General Doors Corp., Bristol, PA.

SECTIONS:

Door sections shall be roll formed steel pan type construction, 2" thick. Sections are formed with shiplap meeting rails for added strength and weather-tight closure. A two point contact resilient weather-strip is attached to the bottom of the door with a continuous retainer. Sections will be furnished with reinforcing struts as required to meet minimum 15 psf wind load (wind speed of 90 MPH). Higher wind load ratings are available where required.

Exterior:

The exterior skin shall be G60 rated, hot-dipped galvanized commercial quality steel no less than .023" thick (24GA), with a smooth surface, and be roll formed with two deep reinforcing ribs and four shallow grooves. 20GA doors are built using steel no less than .034" thick and have the same smooth ribbed appearance.

Factory finish:

Factory finish is a two coat baked-on polyester paint system, a minimum of 1.0 mil thick. Specify white or bronze. 20GA doors are only available in white.

End stiles:

End stiles to be minimum 16GA hot dipped galvanized steel, center stiles to be 18GA. Stiles to be riveted to the outside face with pre-painted rivets and welded to the interior rails.

Insulation:

Insulation and back covers may be furnished as an option. Insulation shall be 1-7/16" expanded polystyrene with an R-value of 7.0. Back covers shall be smooth white 26GA steel or .040" thick white high impact ABS vinyl (specify), with edges recessed into the sections for a safe, clean appearance.

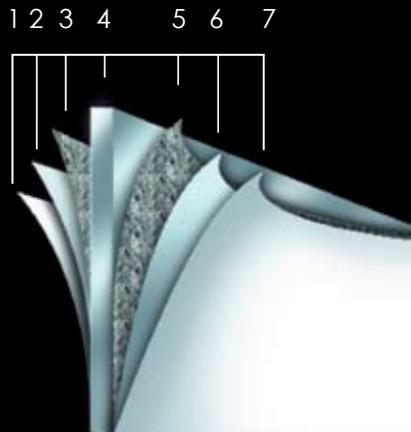
TRACK:

Galvanized steel track shall be 2" or 3" as required. Bracket mounted track is standard for wood jambs, reverse angle mounted track is standard for steel jambs. Vertical track shall be tapered for use with

graduated hinges to provide a weather tight closure. Horizontal track shall be reinforced with galvanized angle engineered to door size and weight. All reinforcing angle and mounting brackets to be welded to track, except where adjustment is required.

HARDWARE:

All hinges and brackets to be minimum 14GA galvanized steel. All rollers to have 10-ball bearings with casehardened races. Galvanized aircraft type lift cable to have minimum 5:1 safety factor. Counterbalance assembly shall consist of oil tempered torsion springs mounted on a continuous cross header shaft supported by roller bearings, designed for each door to provide a minimum of 10,000 operating cycles.



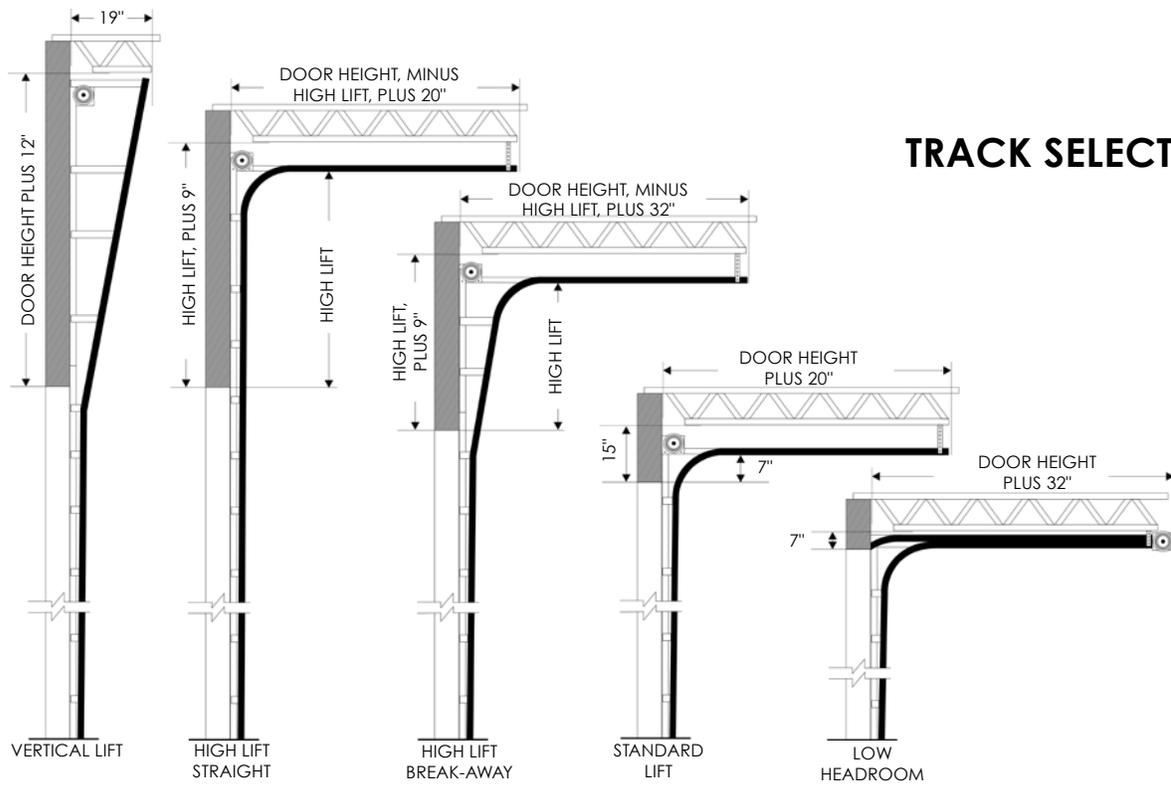
1. Interior Finish Coat
(Light Gray or White Baked Enamel)
2. Prime Coat (Etching-Type Primer)
3. Hot-Dipped Zinc Coat (Galvanized)
4. Steel
5. Hot-Dipped Zinc Coat (Galvanized)
6. Prime Coat (Etching-Type Primer)
7. Exterior Finish Coat
(White or Bronze Baked Enamel)

GENERAL DOORS COMPLETE ANTI-CORROSION PROTECTION

Paint alone is not adequate protection against rust. Moisture and other corrosive elements can attack metal through pinholes or scratches on painted surfaces. Unchecked, rust can expand, mar the finish, and weaken an ordinary steel door. So, in addition to a 2-step paint process, all

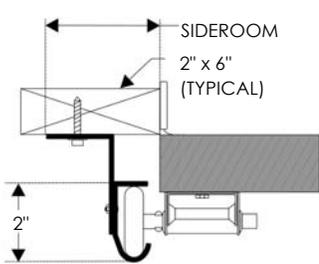
of the steel in our commercial and industrial steel doors is protected by a hot-dipped galvanizing process. This produces zinc oxide that actually grows into any damaged portion of the paint skin – preventing further corrosion.

TRACK SELECTION

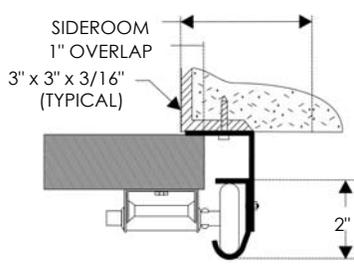


TYPE OF LIFT	HEADROOM	SIDE ROOM	ROOM DEPTH • MANUAL	ROOM DEPTH • MOTOR OPERATED
STANDARD LIFT	15"	4-1/2"	DOOR HEIGHT PLUS 20"	DOOR HEIGHT PLUS 48"
HIGH LIFT	HIGH LIFT PLUS 9"	4-1/2"	DOOR HEIGHT LESS HIGH LIFT PLUS 32"	ONLY SIDE MOUNTED CAN BE USED - 24" ONE SIDE
VERTICAL LIFT	DOOR HEIGHT PLUS 12"	4-1/2"	19" INTO ROOM	ONLY SIDE MOUNTED CAN BE USED - 24" ONE SIDE
LOW HEADROOM	7"	6"	DOOR HEIGHT PLUS 32"	DOOR HEIGHT PLUS 60"

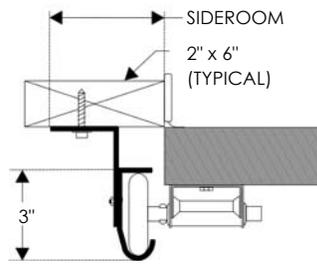
* NOTE: Accurate track selection is very important. Consult distributor or factory if required minimum space is not available



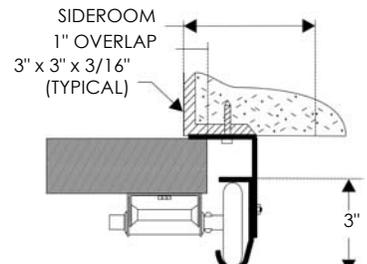
2" TRACK, WOOD JAMBS



2" TRACK, STEEL JAMBS



3" TRACK, WOOD JAMBS



3" TRACK, STEEL JAMBS



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www.general-doors.com

1 YEAR WARRANTY on materials & workmanship

See dealer for complete warranty details

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